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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/533,556	02/24/1999	Peter F. King	3399P087C	6907

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BLAKELY SOKOLOFF TAYLOR & ZAFMAN/PDC
12400 WILSHIRE BOULEVARD
SEVENTH FLOOR
LOS ANGELES, CA 90025

EXAMINER

NGUYEN, MERILYN P

ART UNIT	PAPER NUMBER
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2171

DATE MAILED: 10/06/2003

9

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/533,556

Applicant(s)

KING ET AL.

Examiner

Merilyn P Nguyen

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 19-39 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 19-39 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 24 February 1999 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on ____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. ____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) ____.
- 4) ☐ Interview Summary (PTO-413) Paper No(s). ____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☒ Other: *Detailed Action*.

DETAILED ACTION

1. This application is a continuation of U.S Patent Application No. 08/996,379, now U.S Patent No. 5,895,471, filed December 22, 1997.

2. Claims 19-39 are pending in this office action as a result of the cancellation of claims 1-18.

Claim Objections

3. Claims 19-30 and 32-37 are objected to because of the following informalities: At line 1, “,” should be changed to: --,--. Appropriate correction is required.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

4. Claims 19-26, are rejected under 35 U.S.C. 102(e) as being anticipated by Van Hoff (US 5,822,539).

Regarding claim 19, Van Hoff discloses a method for a client managing a directory, in a remote server, said method comprising:

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- receiving, in said client, a unit of information from a network, said unit of information having an identifier (See col. 5, lines 56-58, and col. 11, lines 60-64);
- receiving an input from a user interface of said client, said input corresponding to said identifier (See col. 5, line 58 to col. 6, line 22);
- generating a request in response to said input; said request comprising said identifier (See col. 12, lines 45-55); and
- sending said request to said remote server to cause said directory to be updated with respect to said request (See col. 11, table 1 and col. 12, lines 56-59).

Regarding claim 20, Van Hoff discloses said user interface comprises keys that can be activated by a user to convey said input therefrom (See col. 6, lines 13-18).

Regarding claim 21, Van Hoff discloses said identifier comprises a Uniform Resource Locator (URL) (See col. 9, lines 40-58).

Regarding claims 22-24, Van Hoff discloses that any type of computer can be a client computer and any types of communication connections can be used in his system (See col. 4, lines 2-8). Although Van Hoff does not explicitly disclose said client is a portable electronic device having a capability of networking with a wireless network, this is nonetheless inherent.

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Regarding claim 25, Van Hoff discloses said request is an add request, said directory is updated by adding said identifier to said directory in said remote server (See col. 9, lines 40-49, and col. 11, table 1).

Regarding claim 26, Van Hoff discloses said request is a delete request, said directory is updated by deleting said identifier from said directory in said remote server (See col. 9, lines 40-49, and col. 11, table 1).

5. Claims 27-29 and 37-39 are rejected under 35 U.S.C. 102(e) as being anticipated by Aldred (US 6,209,036).

Regarding claim 27, Aldred discloses a method for a client managing a directory in a remote server, comprising:

- receiving, in said client, a unit of information from a network., said unit of information comprising a list of items (embedded URLs), each corresponding to an identifier identifying a resource in said network, said identifiers maintained in said directory in said remote server (See col. 9, line 66 to col. 10, line 7);
- receiving an input from a user interface of said client, said input corresponding to one of said items (See col. 10, lines 26-32);
- generating a request in response to said input; said request comprising a parameter with respect to said one of said items; said parameter indicating a desired resource and said request subsequently sent to said remote server (See col. 10, lines 35-42);

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- receiving a reply message to said request from said remote server, wherein said reply message comprises a reference identifier retrieved from said directory in response to said parameter in said request (See col. 11, lines 12-27); and
- receiving said desired resource from said network; said resource identified by said reference identifier (See col. 11, lines 27-34).

Regarding claim 28, network comprises a wireless network is inherent by Aldred since Fig. 2 of Aldred can include any type of network.

Regarding claim 29, Aldred discloses said reference identifier comprises a Uniform Resource Locator (URL) (See col. 3, lines 23-30).

Regarding claim 37, Aldred discloses a method for a client managing a directory in a remote server, comprising:

- receiving, in said remote server, a request from said client; said request comprising an identifier identifying a resource in a network (See col. 11, lines 6-11);
- looking up in said directory to determine if there is a reference identifier corresponding to said identifier (See col. 11, lines 12-20);
- generating, in said remote server, a reply message including said reference identifier (See col. 11, lines 22-27); and

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- sending said reply message from said remote server to said client, wherein said client receives said resource according to said reference identifier in said reply message (See col. 11, lines 28-34).

Regarding claims 38 and 39, network comprises a wireless network and client is a mobile device are inherent by Aldred since Fig.2 of Aldred can include any type of network and any type of computer devices.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

6. Claims 30-36 are rejected under 35 U.S.C. 103(a) as being unpatentable over Van Hoff (US 5,822,539), in view of Lasser (US 5,897,638).

Regarding claim 30, Van Hoff discloses a method for a client managing a directory in a remote server comprising:

- receiving, in said remote server, a request from said client; said request comprising an identifier identifying a resource in a network (See col. 5, line 58 to col. 6, line 22, Van Hoff) and to cause said directory in said remote server to be updated (See col. 9, lines 40-58, Van Hoff); wherein said resource has been

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- received in said client and said request is generated in said client with respect to said resource (See col. 5, lines 56-58, and col. 11, lines 60-64, Van Hoff); and
- o updating said directory in response to said request (See col. 11, table 1 and col. 12, lines 56-59).

However, Van Hoff is silent as to discloses updating said directory in response to said request when it is determined that said client is authorized to access said directory. On the other hand, Lasser discloses updating a directory when it is determined that client is authorized to access said directory (See col. 9, line 40 to col. 12, line 65, Lasser et al.). Because Van Hoff system having the feature of updating directory, it would have been obvious to one having ordinary skill in the art to updating directory of Van Hoff system in response to a request only when it is determined that said client is authorized to access said directory. The motivation would have been enhancing system security so that only authorized client can access and modify the directory.

Regarding claims 31-33, Van Hoff discloses that any type of computer can be a client computer and any types of communication connections can be used in his system (See col. 4, lines 2-8). Although Van Hoff does not explicitly disclose said client is a portable electronic device having a capability of networking with a wireless network, this is nonetheless well known.

Regarding claim 34, Van Hoff/Lasser discloses said updating said directory comprises: deleting an entry from said directory when said request is a delete request; wherein said entry

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comprises a reference identifier identical to said identifier (See col. 9, lines 40-49, and col. 11, table 1, Van Hoff).

Regarding claim 35, Van Hoff/Lasser discloses said updating said directory comprises adding an entry to said directory when said request is an add request; wherein said entry comprises said identifier that is not identical to any reference identifiers in said directory (See col. 9, lines 40-49, and col. 11, table 1, Van Hoff).

Regarding claim 36, Van Hoff/Lasser discloses wherein, when said request is an add request, said updating said directory comprises: deleting an entry from said directory, said entry comprising a reference identifier identical to said identifier; adding a new entry to said directory, said new entry comprising said identifier (See col. 9, lines 40-49, and col. 11, table 1, Van Hoff).

Conclusion

7. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Logue U.S Patent No. 5,935,207 discloses method and apparatus for providing remote site administrators with user hits on mirrored web sites.

Graber U.S Patent No. 5,812,769 discloses method and apparatus for redirecting a user to a new location on the world wide web using relative universal resource locators.

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Takano U.S Patent No. 5,940,831 discloses hypermedia system and method of managing directories and directory data originating from a node link structure in a directory server.

Sullivan U.S Patent No. 6,105,028 discloses method and apparatus for accessing copies of documents using a web browser request interceptor.

8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Marilyn P Nguyen whose telephone number is 703-305-5177.

The examiner can normally be reached on M-F: 8:30 - 5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Safet Metjahic can be reached on 703-308-1436. The fax phone numbers for the organization where this application or proceeding is assigned are 703-872-9306 for regular communications and 703-746-7240 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-305-3900.

Mn

MN

September 30, 2003

Safet Metjahic
SAFET METJAHIC
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100